

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-2 (Canceled)

Claim 3 (Currently Amended): A [[The]] music playback unit according to Claim 2[[,]]comprising:

a first memory for storing musical score data;

a second memory for storing correction data for correcting said musical score data for each velocity of each note;

a correction section for correcting the velocity of said musical score data read from said first memory using said correction data read from said second memory; and
a playback section for loading said corrected musical score data after correction by said correction section and playing sound according to said corrected musical score data,

wherein after acoustic power of each velocity is measured for each note, each measurement result is respectively standardized using a specified velocity of a specified note, and the standardized acoustic power is stored in said second memory as said correction data, and

wherein said correction section calculates the following formula using said ~~correction data and~~ corrects each velocity of said musical score data using ~~[[this]]~~ calculation ~~result[[.]]~~ results determined by the following formula:

$$V_{rev} = \frac{V^2}{V_0} \cdot S(n, V)^{-\frac{1}{4}}$$

wherein $S(n, V)[[:]]$ is correction data ~~[[when]]~~, n is note power, ~~is n and velocity is~~ V is velocity, ~~V :velocity~~ $V_0[[:]]$ is specified velocity, and $V_{rev}[[:]]$ is corrected velocity.

Claim 4 (Currently Amended): The music playback unit according to Claim 3, wherein said correction section corrects each velocity of said musical score data by converting the calculation results ~~result~~ into integers ~~an integer~~ ~~after said calculation~~.

Claim 5 (Currently Amended): The music playback unit according to Claim 3, wherein said correction section corrects each velocity of said musical score data by converting the calculation results ~~result~~ into ~~an integer~~ integers of 127 or less ~~after said calculation~~.

Claim 6 (Currently Amended): A ~~[[The]]~~ music playback unit ~~according to Claim~~ 4[[.]] comprising:

a first memory for storing musical score data;

a second memory for storing correction data for correcting said musical score data for each velocity of each note;

a correction section for correcting the velocity of said musical score data read from said first memory using said correction data read from said second memory; and
a playback section for loading said corrected musical score data after correction by said correction section and playing sound according to said corrected musical score data,

wherein after ~~[[the]]~~ acoustic power of each velocity is measured for each note, ~~then the respective~~ each measurement result is respectively standardized ~~by the measurement result for using~~ a specified velocity of a specified note~~[[,]]~~ to provide standardized acoustic power, and

wherein said correction data is determined from calculation results using ~~created by the calculation of the following formula, and then using the standardized acoustic power, and this correction data is stored in said second memory[[.1]]:~~

$$V_{rev} = \frac{V^2}{V_0} \cdot S(n, V)^{\frac{1}{4}},$$

wherein $S(n, V)[[:]]$ is standardized acoustic power ~~[[when]]~~, n is note, is n and ~~velocity is V~~ $V[[:]]$ is velocity, $V_0[[:]]$ is specified velocity, and $V_{rev}[[:]]$ is corrected velocity.

Claim 7 (Currently Amended): The music playback unit according to Claim 6, wherein said correction data ~~is a value~~ are values obtained by converting said calculation results

result into an integer integers.

Claim 8 (Currently Amended): The music playback unit according to Claim 6, wherein said correction data are values ~~is a value~~ obtained by converting said calculation results ~~result~~ into an integer integers of 127 or less.

Claim 9 (Currently Amended): The music playback unit according to Claim 6, wherein each velocity of said musical score data is corrected by said correction section rewriting the velocity of said musical score data read from said first memory into said correction data ~~read from said second memory~~.

Claim 10 (Currently Amended): The music playback unit according to Claim 6 ~~[[1]]~~, further comprising a communication circuit which downloads said acoustic power ~~[[data]]~~ from ~~[[the]]~~ a communication network and stores said acoustic ~~[[data]]~~ power in said first memory.

Claim 11 (Currently Amended): The music playback unit according to Claim 6 ~~[[1]]~~, wherein said musical score data is music instrument digital interface data.

Claim 12 (Canceled)

Claim 13 (Currently Amended): A ~~[[The]]~~ correction method for musical score data according to Claim 12 comprising:

measuring acoustic power of each velocity for each note;

standardizing each measurement result using a specified velocity of a specified note; and

correcting the velocity of the musical score data using said standardized measurement result,

~~wherein the following formula is calculated using said correction data, and each~~
velocity of said musical score data is corrected using ~~[[this]]~~ calculation ~~result[[.]]~~ results
determined by the following equation:

$$V_{rev} = \frac{V^2}{V_0} \cdot S(n, V)^{-\frac{1}{4}},$$

wherein $S(n, V)$ ~~[[.]]~~ is standardized acoustic power, ~~when note is n is note,~~ and
~~velocity is V~~ V ~~[[.]]~~ is velocity, V_0 ~~[[.]]~~ is specified velocity, and V_{rev} ~~[[.]]~~ is corrected
velocity.

Claim 14 (Currently Amended): The ~~music playback unit~~ correction method for musical score data according to Claim 13, wherein each velocity of said musical score data is corrected by converting the calculation results ~~result~~ into integers ~~an integer~~ after said calculation.

Claim 15 (Currently Amended): The correction method for musical score data ~~music playback unit~~ according to Claim 13, wherein each velocity of said musical score data is corrected by converting the calculation results ~~result~~ into integers ~~an integer~~ of 127 or less ~~after said calculation~~.

Claim 16 (Currently Amended): The correction method for musical score data according to Claim 13 ~~[[12]]~~, wherein said measuring ~~measurement step~~, said standardizing ~~standardization step~~, and ~~[[the]]~~ storing of said standardized ~~measurement result~~ is executed in ~~[[said]]~~ a music playback unit ~~are executed in [[the]]~~ a manufacturing stage of the music playback unit, and said correcting ~~correction step~~ is executed ~~in the~~ during musical performance ~~stage of said~~ by the music playback unit.

Claim 17 (Currently Amended): The correction method for musical score data according to Claim 13 ~~[[12]]~~, wherein said measuring ~~measurement step~~, said standardizing ~~standardization step~~, said correcting ~~correction step~~ for all types of velocities, and ~~[[the]]~~ storing of the corrected velocities in ~~[[said]]~~ a music playback unit are executed in ~~[[the]]~~ a manufacturing stage of the music playback unit, and the velocity of said musical score data is replaced with said corrected velocity corresponding thereto ~~in the~~ during a musical performance ~~stage of said~~ by the music playback unit.

Claim 18 (Currently Amended): The correction method for musical score data

according to Claim 13 [[12]], wherein said ~~correction-step~~ correcting is executed for said acoustic [[data]] power which is downloaded from a [[the]] communication network to [[the]] a music playback unit.

Claim 19 (Currently Amended): The correction method for musical score data according to Claim 13 [[12]], wherein said acoustic power [[data]], after said measuring measurement-step, said standardizing standardization-step and said ~~correction-step~~ correcting are executed, is downloaded from [[the]] a communication network to [[the]] a music playback unit.

Claim 20 (Currently Amended): The correction method for musical score data according to Claim 13 [[12]], wherein said acoustic power [[data]], after said measuring measurement-step, said standardizing standardization-step and said ~~correction-step~~ correcting are executed, is stored in [[the]] a music playback unit in [[the]] a manufacturing stage.

Claim 21 (Currently Amended): The correction method for musical score data according to Claim 13 [[12]], wherein said musical score data is music instrument digital interface data.

Claim 22 (New): The music playback unit according to Claim 3, further comprising a

Claim 22 (New): The music playback unit according to Claim 3, further comprising a communication circuit which downloads said acoustic power from a communication network and stores said acoustic power in said first memory.

Claim 23 (New): The music playback unit according to Claim 3, wherein said musical score data is music instrument digital interface data.